

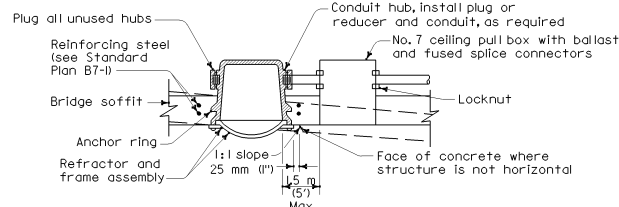
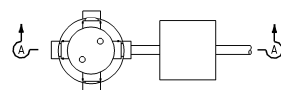
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

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 REGISTERED PROFESSIONAL ENGINEER
 No. 15124
 Exp. 6-30-04
 STATE OF CALIFORNIA

July 1, 2002
 PLANS APPROVAL DATE

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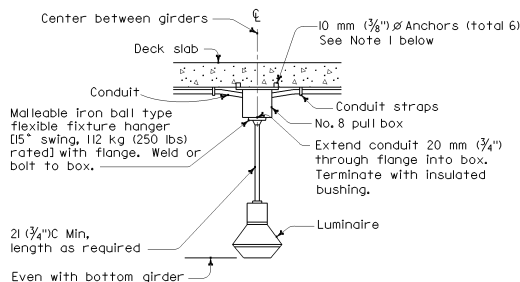
SECTION A-A

NOTES

1. Place 6 mm ($1/4$ ") plywood disk in body opening during pouring.
2. Install luminaire with axis vertical and "street side" of refractor oriented as indicated on lighting layout.
3. Luminaire shall be located so as to provide minimum clearance of 600 mm (24") from inside surface of girders and 300 mm (12") from near face of diaphragm.

DETAIL F

FLUSH SOFFIT LUMINAIRE INSTALLATION

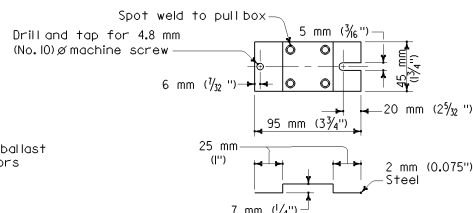


NOTES

1. Cast-in-place inserts or expansion anchor.
2. For future installation, omit suspension conduit and luminaire, close flange with galvanized plug.
3. If conduit smaller than the knockout size is used it shall be bonded to the box.

DETAIL P

PENDANT SOFFIT LUMINAIRE INSTALLATION



TERMINAL BLOCK MOUNTING BRACKET

Provide one-size 41 mm ($1 1/2$ ") and one-size 27 mm (1") knockout on each of four sides. Pound flat after punching.

4-75 mm (3") Lengths of 25 mm x 25 mm x 3 mm (1 " x 1 " x 0.105") steel angle welded to box, one per side. Punch 5 mm ($3/16$ ") holes in outstanding leg.

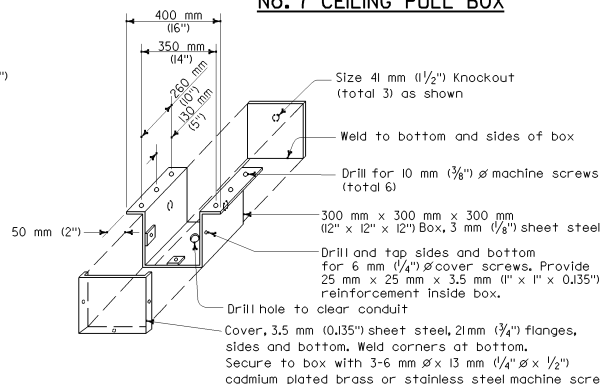
Drill and tap top and bottom flanges for 6 mm ($1/4$ ") Ø 20NC screws

Secure top and bottom covers with eight 6 mm ($1/4$ ") Ø 20NC brass machine screws

NOTES:

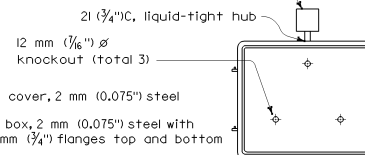
1. Install with bottom flange flush with concrete.
2. Both covers shall be on box during pouring.

No. 7 CEILING PULL BOX



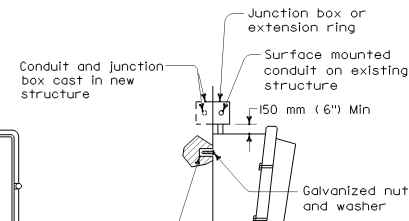
No. 8 PULL BOX

130 mm x 150 mm x 100 mm (5" x 6" x 4")
NEMA Type 4 (3.42 mm (0.135"))
junction box
(see notes below)



Center and weld terminal block mounting bracket on inside of box, with bracket's long side parallel to box opening.

Bottom cover, 2 mm (0.075") steel.
Hole spacing same as top.



SIDE VIEW

Hole for the anchors shall be drilled with a non-percussion type drill. When reinforcing steel is encountered, the anchor shall be relocated and abandoned hole plugged with color matching PCC mortar.

DETAIL W

WALL LUMINAIRE INSTALLATION

Typical

NOTES

1. For existing structures, provide external mounting taps (total 4).
2. For new structures, provide extension ring.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS ELECTRICAL DETAILS STRUCTURE INSTALLATIONS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-9E